

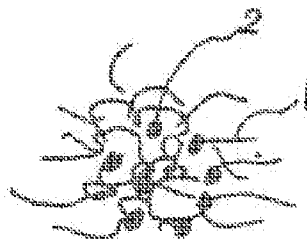


ABSORBING MATERIAL**Publication number:** JP56065630 (A)**Publication date:** 1981-06-03**Inventor(s):** SUZUKI MIGAKU; WATANABE TOSHIHIKO; SAKAKIBARA KOUICHI; MASUDA FUSAYOSHI**Applicant(s):** SANYO CHEMICAL IND LTD; UNI CHARM CORP**Classification:****- international:** **A61F13/472; A61F13/15; A61F13/49; A61F13/53; B01J20/00; B01J20/26; B01J20/28; A61F13/15; B01J20/00; B01J20/22; B01J20/28;** (IPC1-7): A41B13/02; A61F13/18; B01J20/26; B01J20/28**- European:****Application number:** JP19790141880 19791031**Priority number(s):** JP19790141880 19791031**Also published as:** JP1026736 (B) JP1605116 (C)**Abstract of JP 56065630 (A)**

PURPOSE:To facilitate handling and to increase the capacity of water absorption by a method wherein a water-insoluble, water-absorbing resin is mixed with aggregated fibers, and the mixture is structured into tufty blocks having a specific apparent- specific-gravity, with each block having a specific weight.

CONSTITUTION:An absorbing material consists of a mixture of a uniformly dispersed, water-insoluble water-absorbing resin 2 and aggregated fibers 1 (which may be natural, semisynthetic, or synthetic fibers), in which the mixture is divided into tufty blocks, each having a weight of 0.5g or less (preferably 0.001-0.5g) and having an apparent specific gravity of 0.1g/cm³ or more. Such an absorbing material has a weight ratio of the water-absorbing resin 2 to the aggregated fibers 1 being from 100:1-100:10,000, and appears as tufty blocks.; This absorbing material is easy to handle, has a high water-absorbing capacity, and thus is suited to hygienic napkins and paper diapers.



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